

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121317\
 Data File : BF101378.D
 Acq On : 13 Dec 2017 22:01
 Operator : SJ/JU
 Sample : I6816-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 01:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

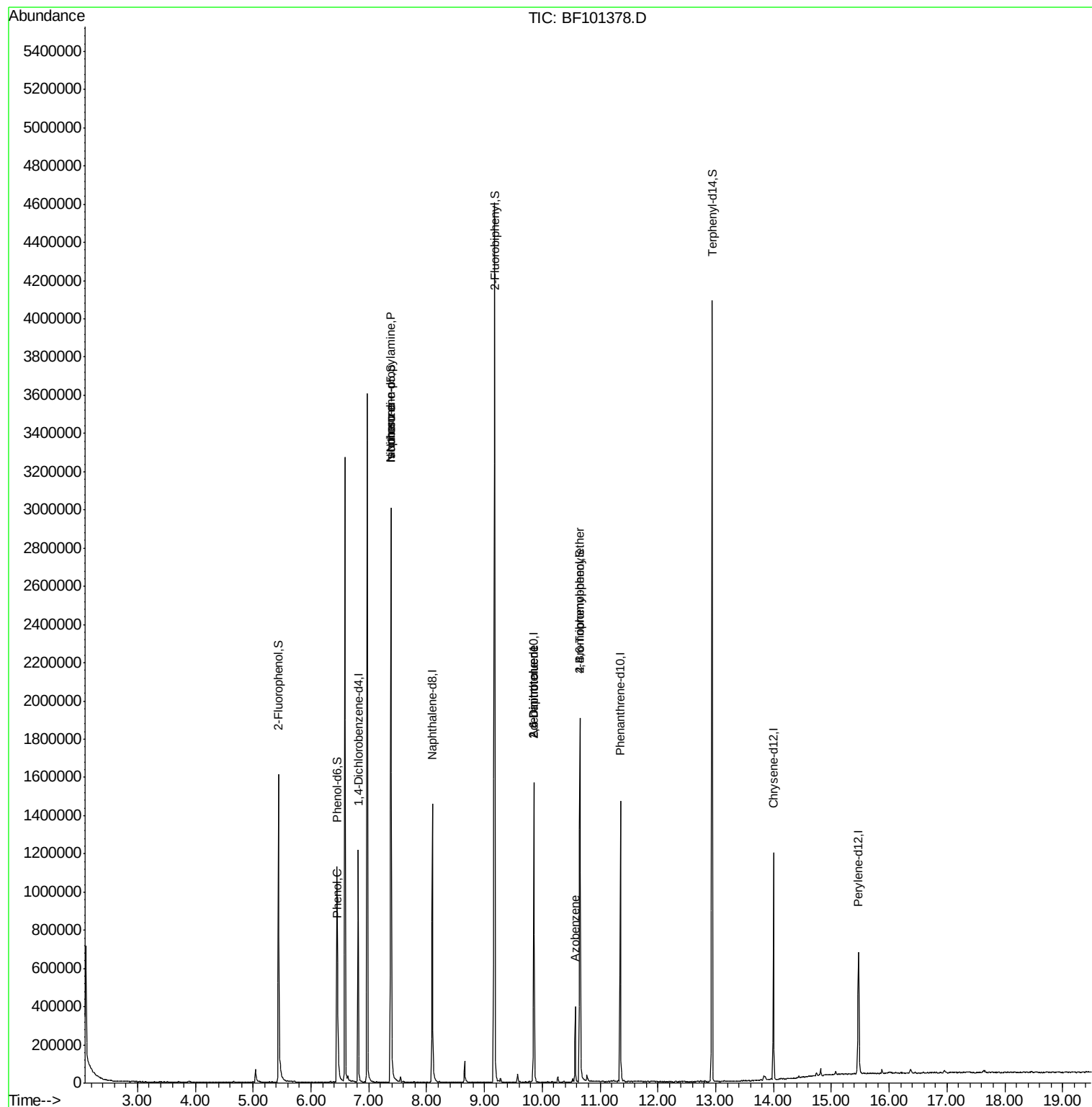
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171799	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	700451	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	312293	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	578168	20.00	ng	0.00
75) Chrysene-d12	14.00	240	391916	20.00	ng	0.00
86) Perylene-d12	15.47	264	320034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	564176	54.27	ng	0.00
7) Phenol-d6	6.45	99	449486	35.61	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1134591	96.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	228563	60.93	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	1838766	80.56	ng	-0.01
78) Terphenyl-d14	12.94	244	1605254	89.59	ng	0.00
Target Compounds						
10) Phenol	6.46	94	34907	2.487	ng	78
19) n-Nitroso-di-n-propylamine	7.39	70	152335	17.920	ng	# 85
25) Isophorone	7.39	82	1134582	56.568	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	38715	7.298	ng	# 25
56) 2,4-Dinitrotoluene	9.86	165	38715	5.446	ng	# 23
62) Azobenzene	10.57	77	68700	3.259	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	14722	2.275	ng	# 1

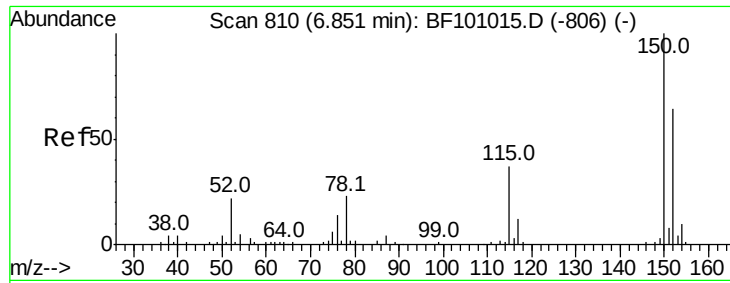
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121317\
Data File : BF101378.D
Acq On : 13 Dec 2017 22:01
Operator : SJ/JU
Sample : I6816-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 01:08:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration



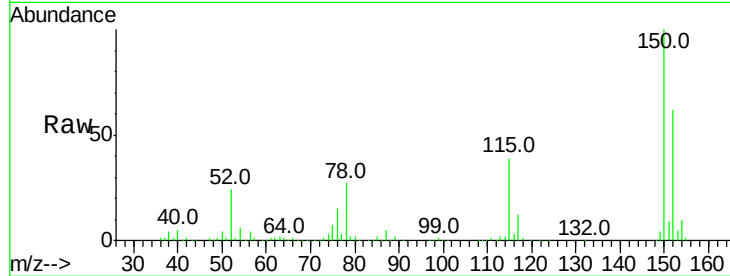


#1

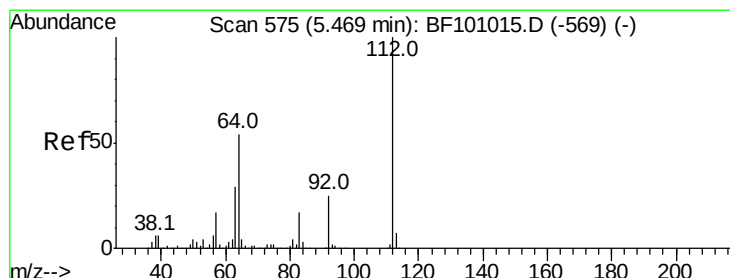
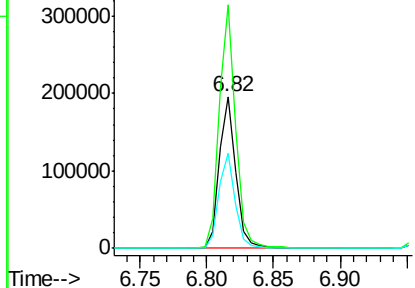
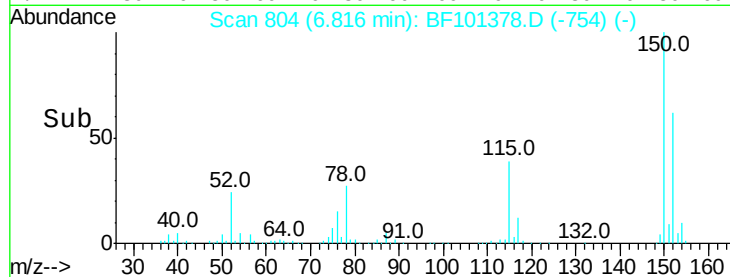
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF101378.D
Acq: 13 Dec 2017 22:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171799
Ion Ratio Lower Upper
152 100
150 160.4 124.6 186.8
115 62.8 50.1 75.1



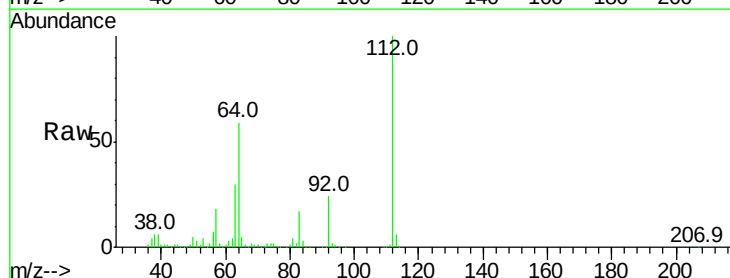
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



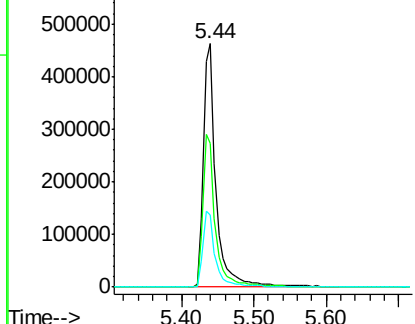
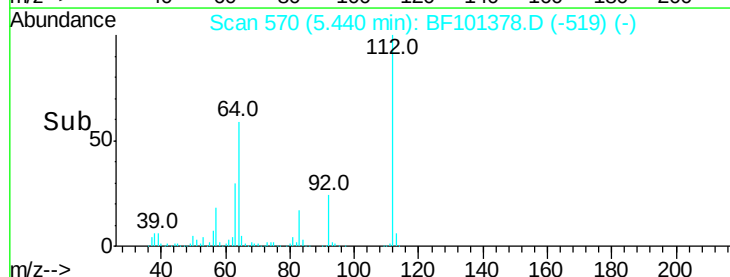
#5

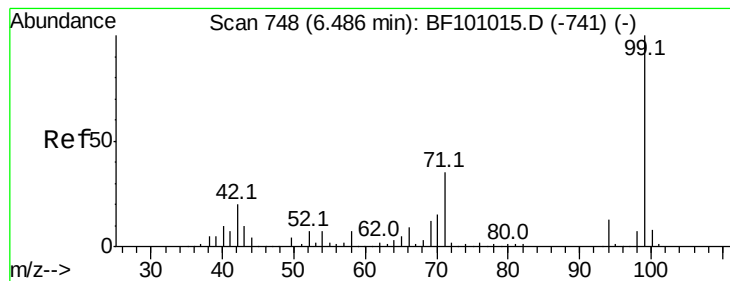
2-Fluorophenol
Concen: 54.265 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF101378.D
Acq: 13 Dec 2017 22:01

Tgt Ion:112 Resp: 564176
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 29.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 35.610 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101378.D

Acq: 13 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

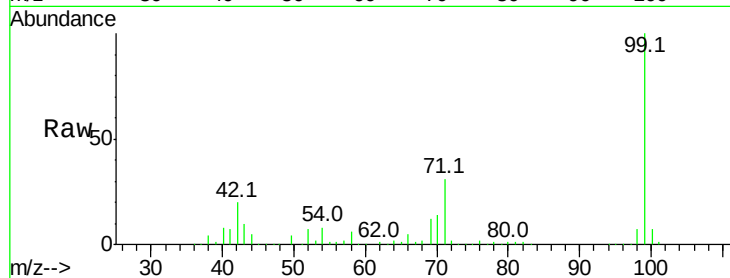
Tot Ion: 99 Resp: 449486

Ion Ratio Lower Upper

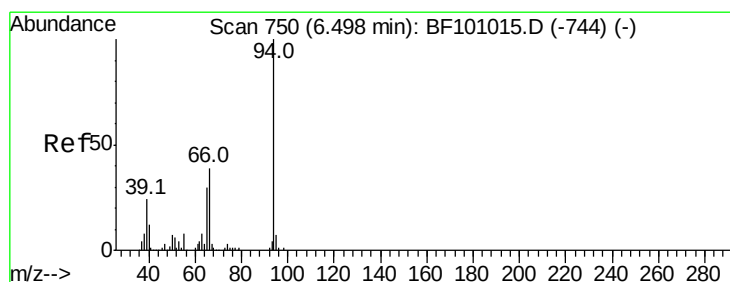
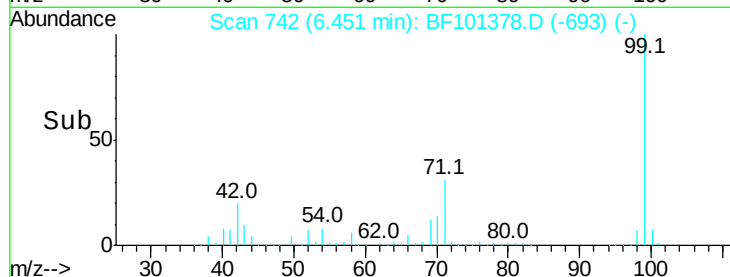
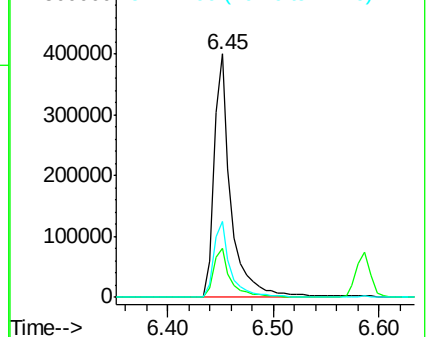
99 100

42 20.4 14.5 21.7

71 31.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.487 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF101378.D

Acq: 13 Dec 2017 22:01

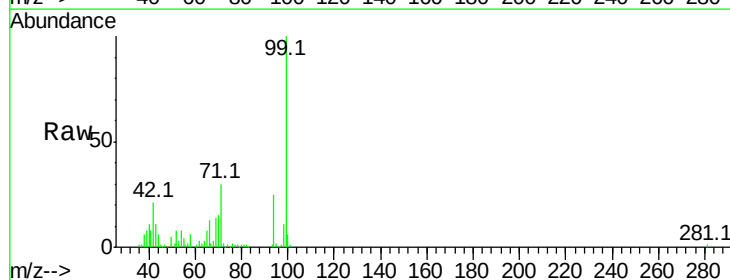
Tgt Ion: 94 Resp: 34907

Ion Ratio Lower Upper

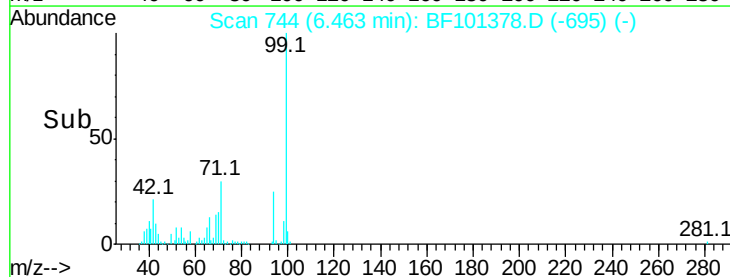
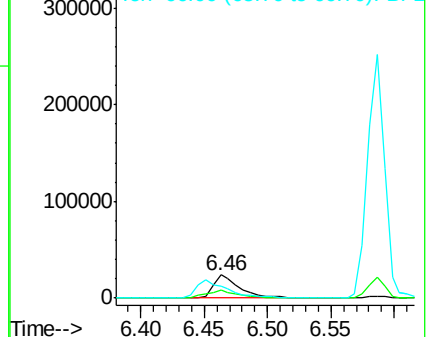
94 100

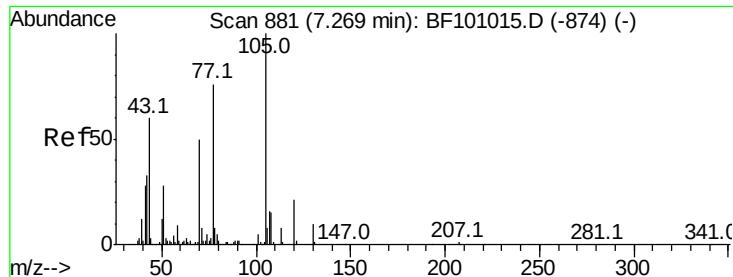
65 34.3 7.9 47.9

66 53.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

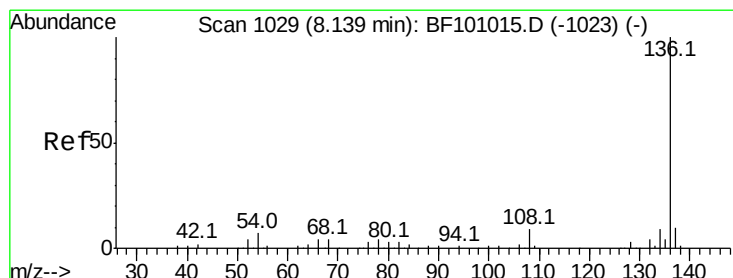
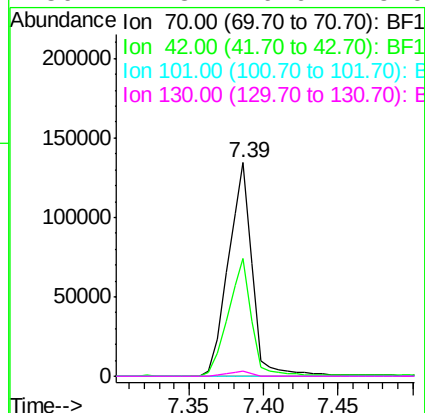
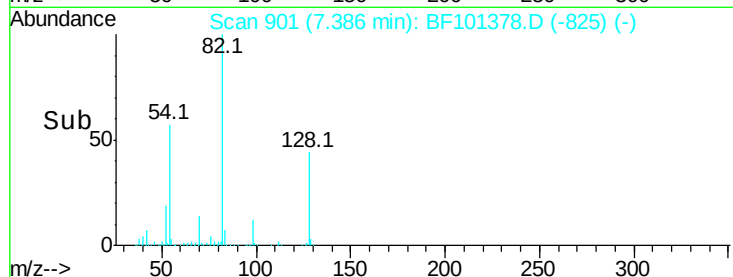
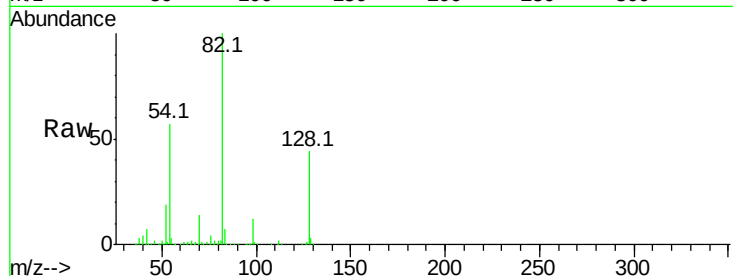




#19
n-Nitroso-di-n-propylamine
Concen: 17.920 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF101378.D
Acq: 13 Dec 2017 22:01

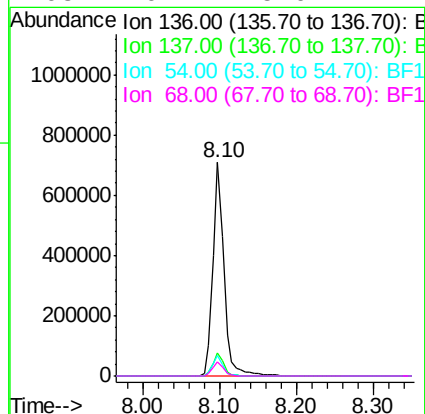
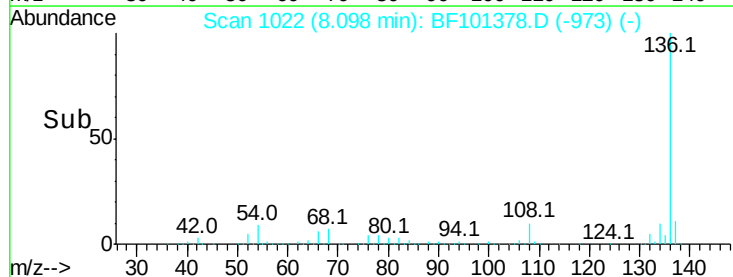
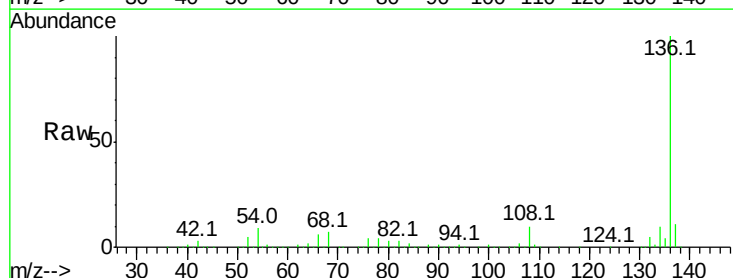
Instrument :
BNA_F
ClientSampleId :

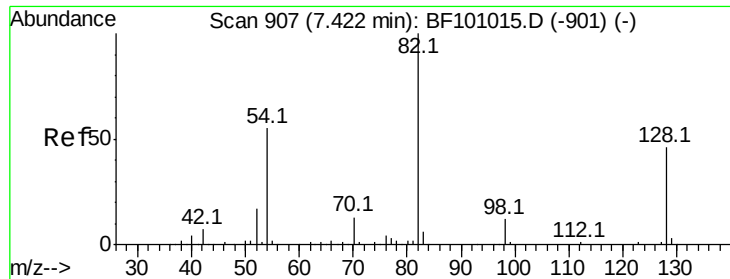
Tot Ion: 70 Resp: 152335
Ion Ratio Lower Upper
70 100
42 55.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF101378.D
Acq: 13 Dec 2017 22:01

Tgt Ion:136 Resp: 700451
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.4 6.6 9.8
68 6.7 5.0 7.4

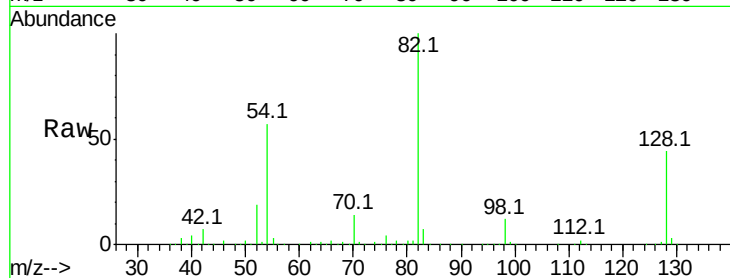




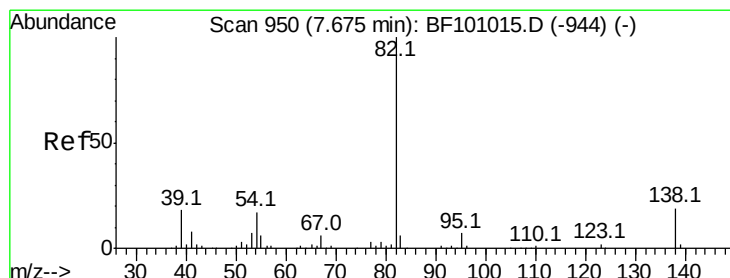
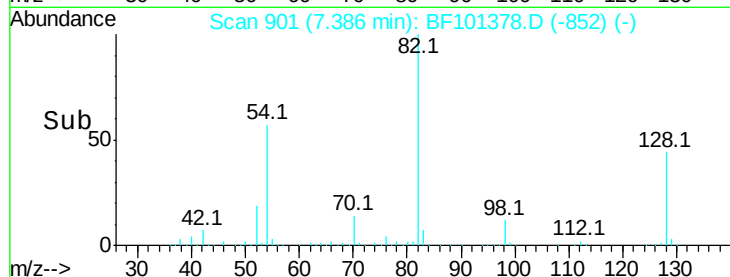
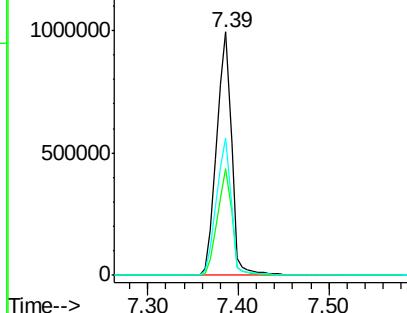
#23
 Nitrobenzene-d5
 Concen: 96.626 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF101378.D
 Acq: 13 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1134591
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 56.5 41.4 62.2

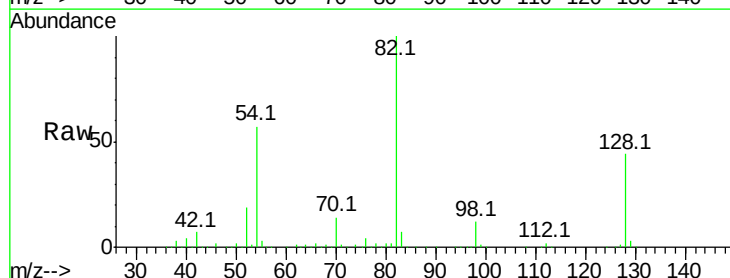


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

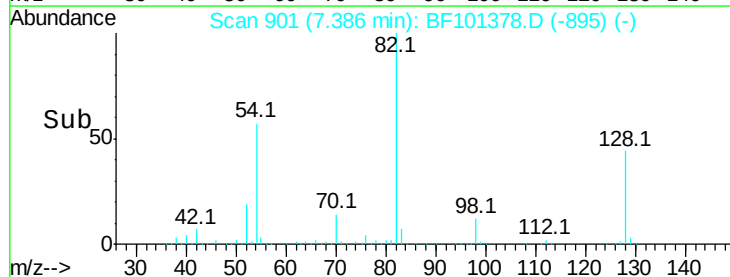
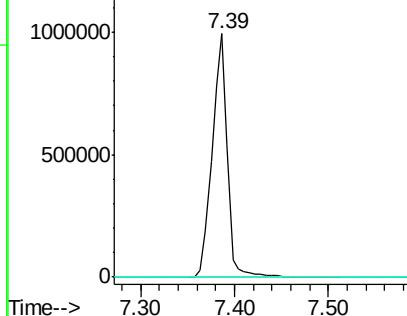


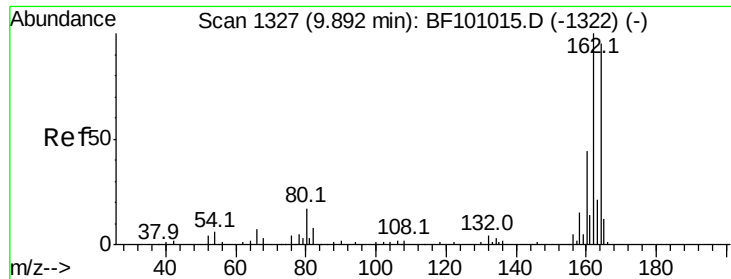
#25
 Isophorone
 Concen: 56.568 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.26 min
 Lab File: BF101378.D
 Acq: 13 Dec 2017 22:01

Tgt Ion: 82 Resp: 1134582
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

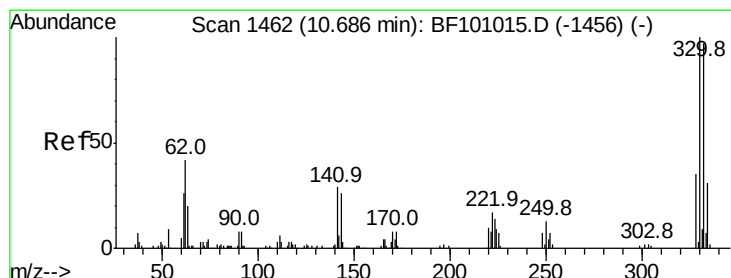
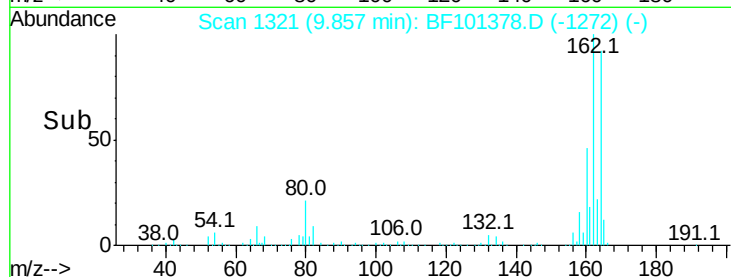
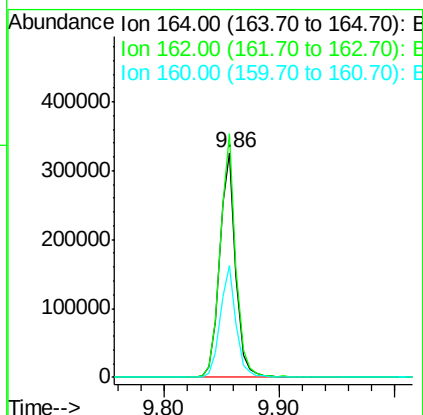
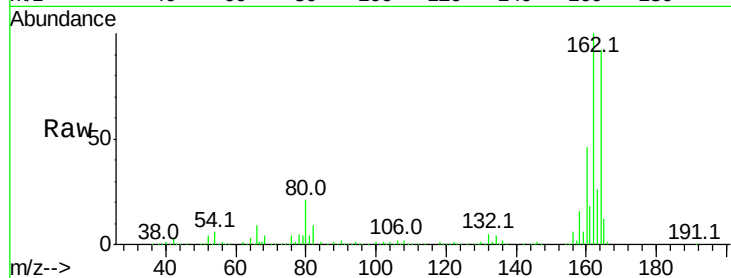




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF101378.D
 Acq: 13 Dec 2017 22:01

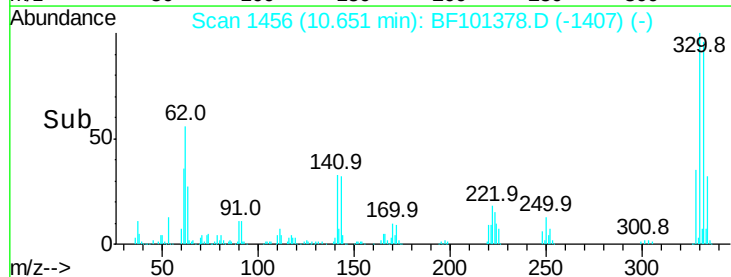
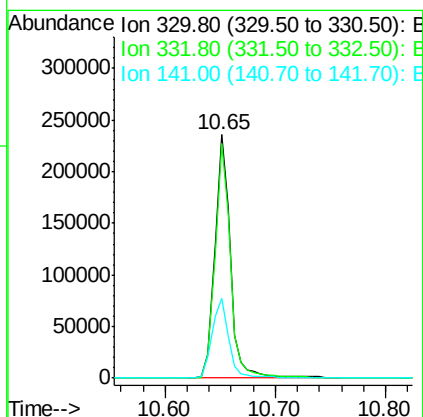
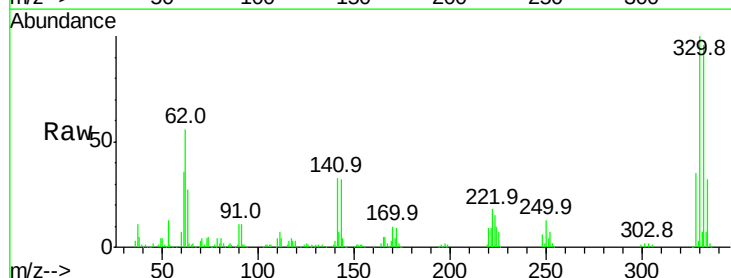
Instrument :
 BNA_F
 ClientSampleId :

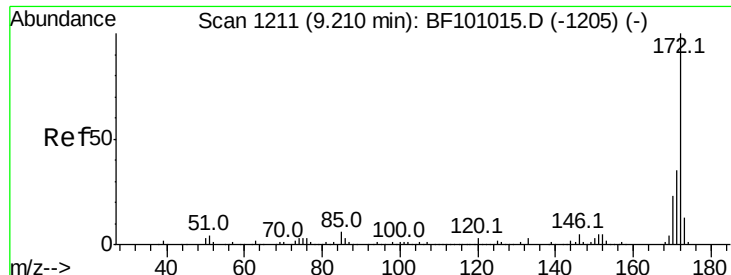
Tot Ion	Ratio	Lower	Upper
164	100		
162	108.4	86.1	129.1
160	49.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 60.925 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF101378.D
 Acq: 13 Dec 2017 22:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.2	29.9	44.9



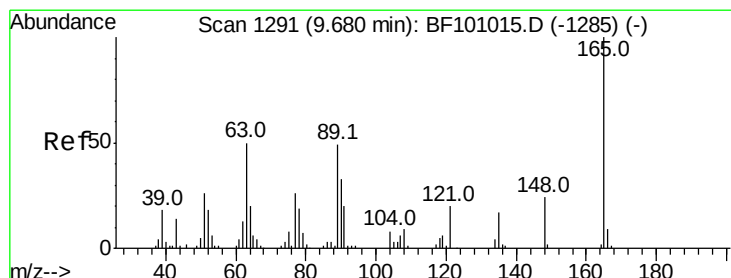
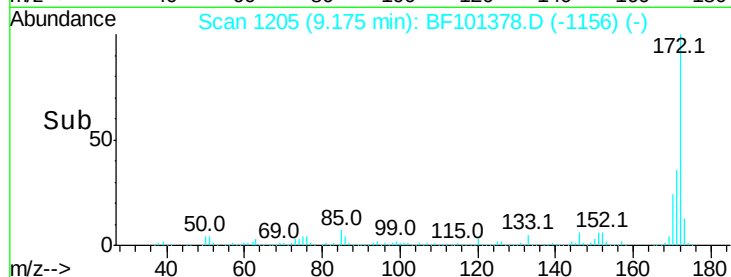
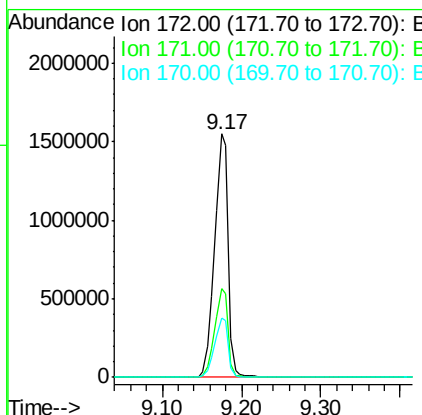
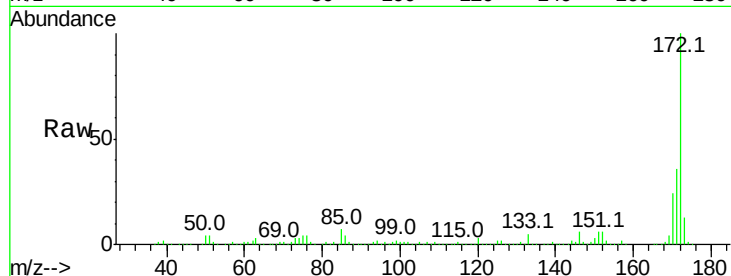


#44
 2-Fluorobiphenyl
 Concen: 80.559 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF101378.D
 Acq: 13 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1838766

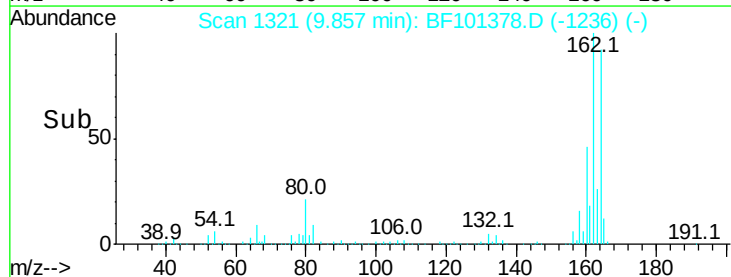
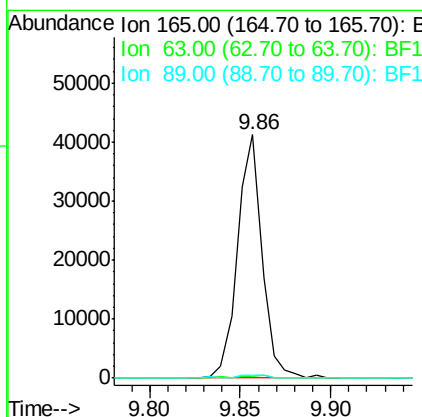
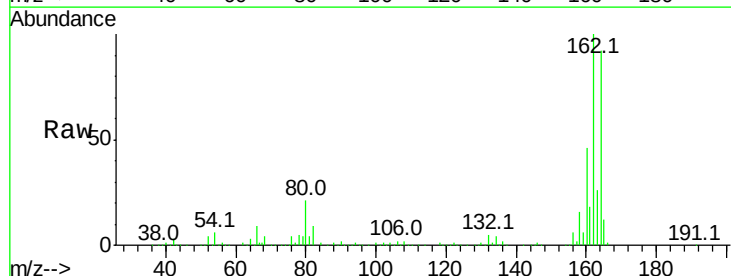
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4

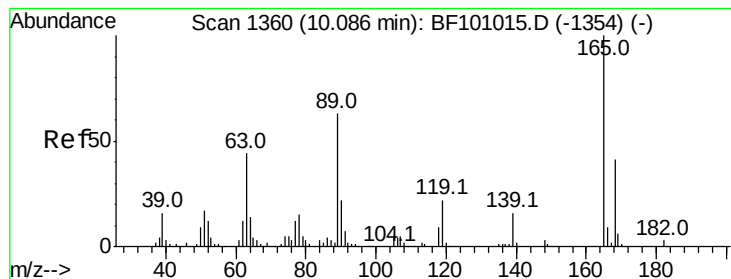


#50
 2,6-Dinitrotoluene
 Concen: 7.298 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF101378.D
 Acq: 13 Dec 2017 22:01

Tgt Ion:165 Resp: 38715

Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.7	67.1#
89	1.5	44.0	66.0#





#56

2,4-Dinitrotoluene

Concen: 5.446 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.21 min

Lab File: BF101378.D

Acq: 13 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 38715

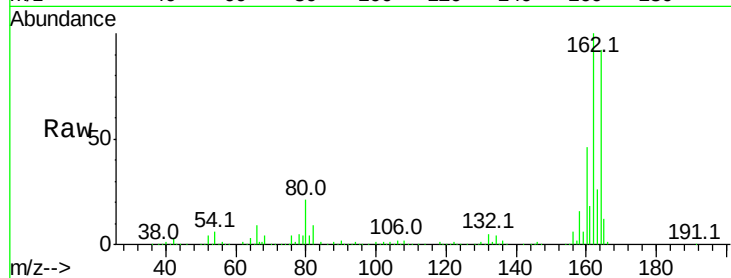
Ion Ratio Lower Upper

165 100

63 0.9 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

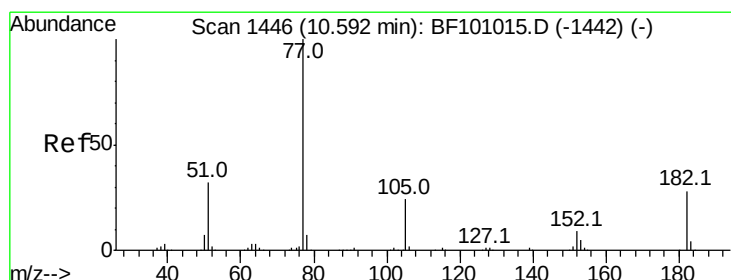
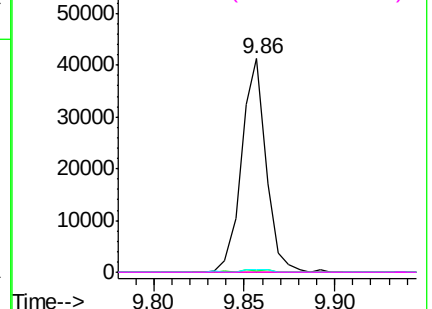
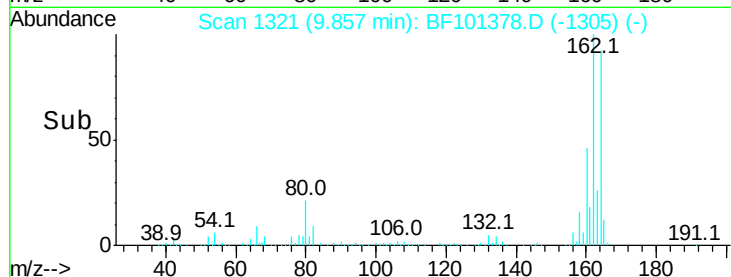


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#62

Azobenzene

Concen: 3.259 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF101378.D

Acq: 13 Dec 2017 22:01

Tgt Ion: 77 Resp: 68700

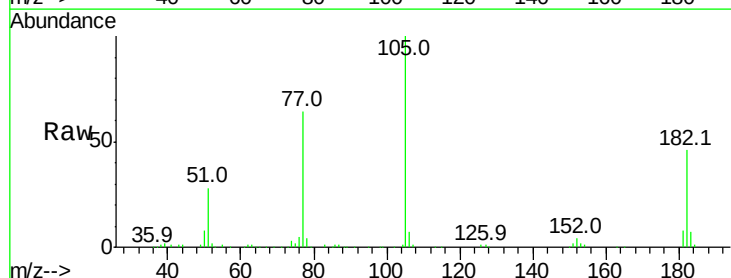
Ion Ratio Lower Upper

77 100

182 71.8 1.7 41.7#

105 156.5 3.0 43.0#

51 43.3 9.9 49.9

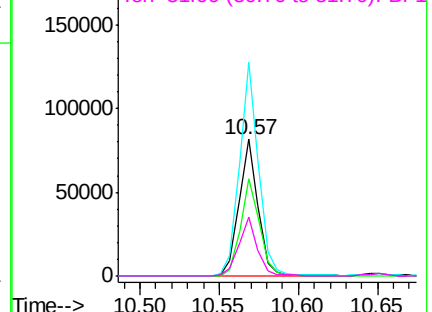
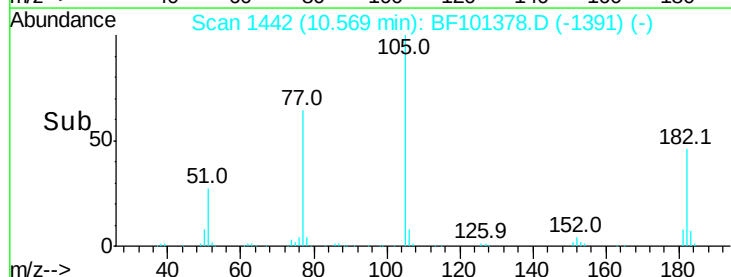


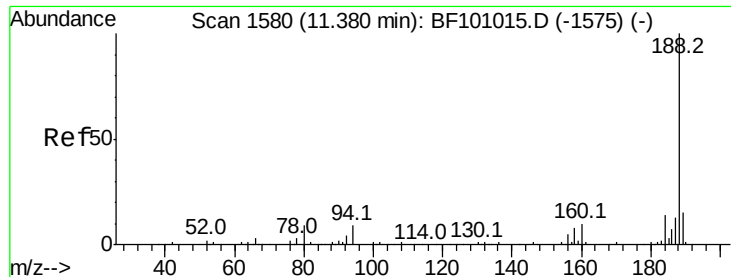
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF101378.D

Acq: 13 Dec 2017 22:01

Instrument :

BNA_F

ClientSampleId :

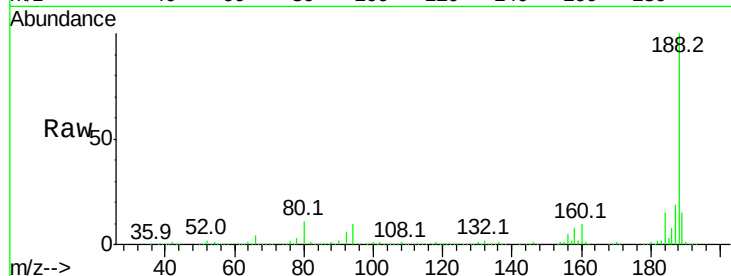
Tot Ion:188 Resp: 578168

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

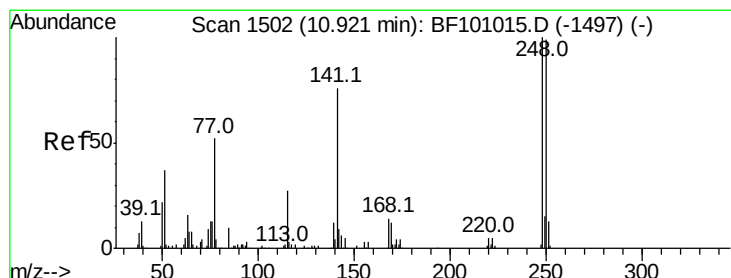
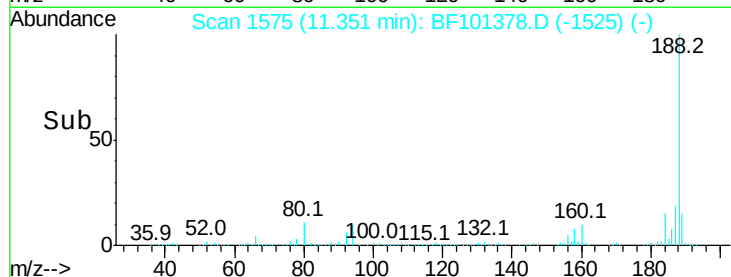
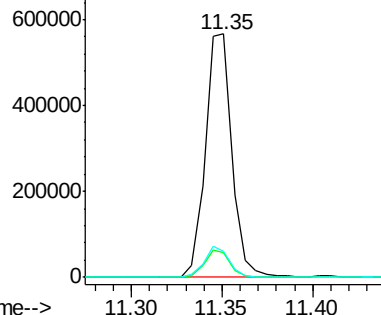
80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

4-Bromophenyl-phenylether

Concen: 2.275 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.25 min

Lab File: BF101378.D

Acq: 13 Dec 2017 22:01

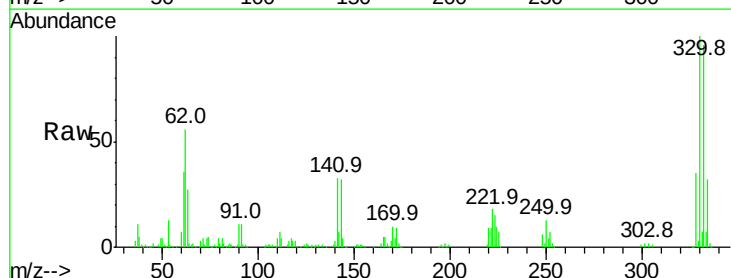
Tgt Ion:248 Resp: 14722

Ion Ratio Lower Upper

248 100

250 204.1 76.9 115.3#

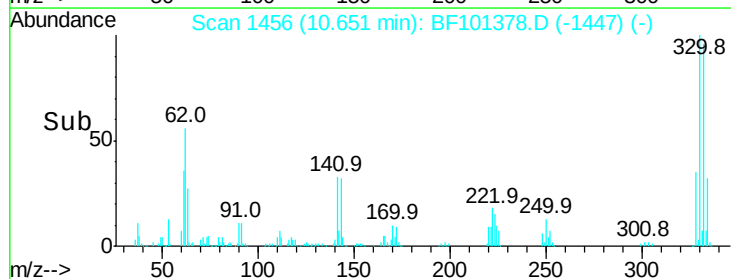
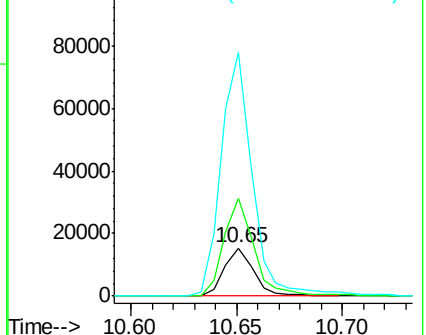
141 508.7 74.4 111.6#

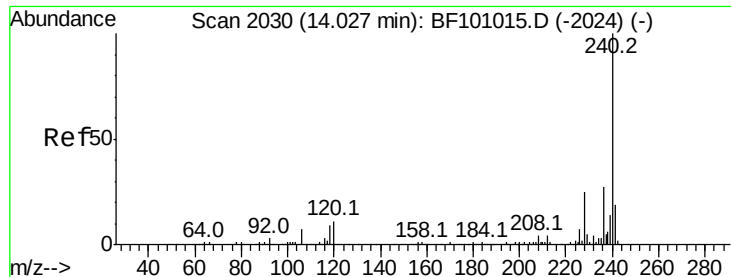


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101378.D

Acq: 13 Dec 2017 22:01

Instrument :

BNA_F

ClientSampled :

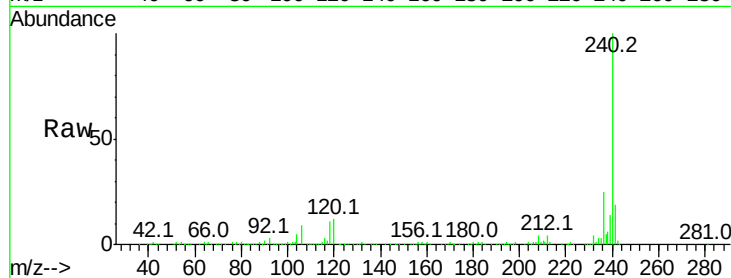
Tot Ion:240 Resp: 391916

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

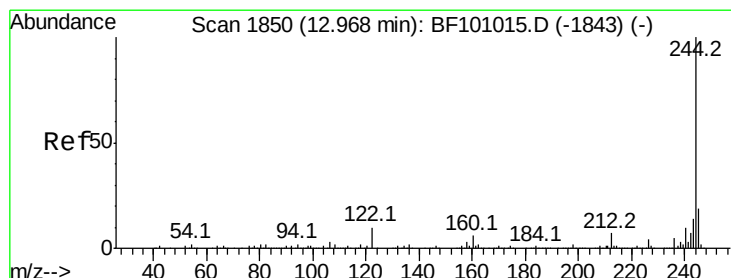
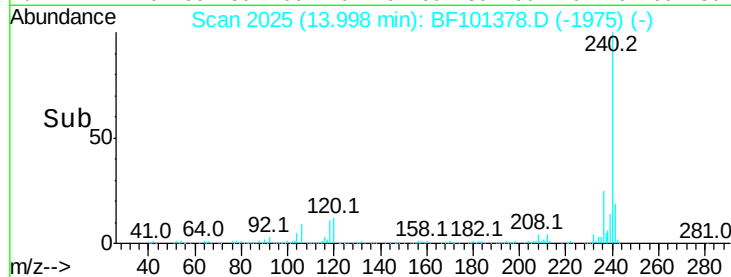
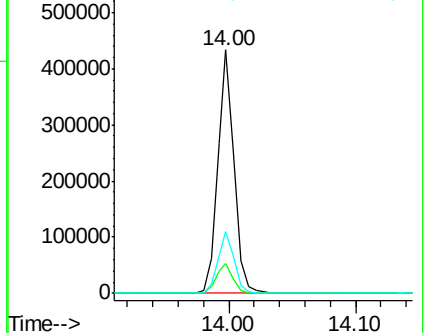
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 89.588 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF101378.D

Acq: 13 Dec 2017 22:01

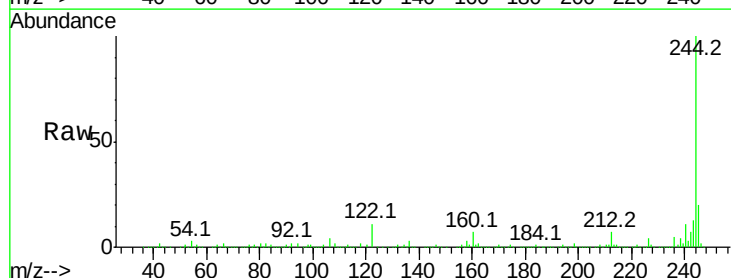
Tgt Ion:244 Resp: 1605254

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

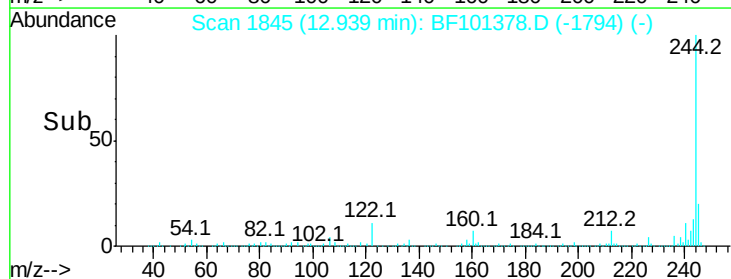
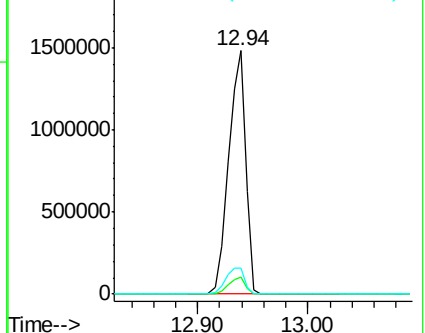
122 10.9 11.0 16.4

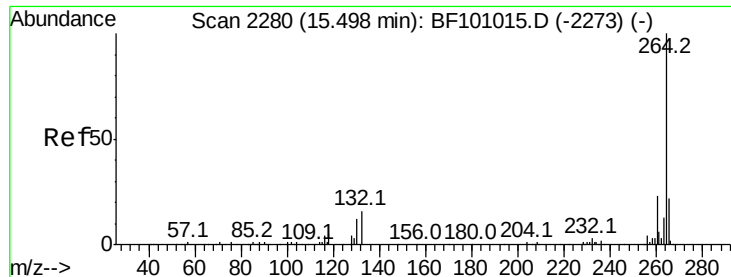


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

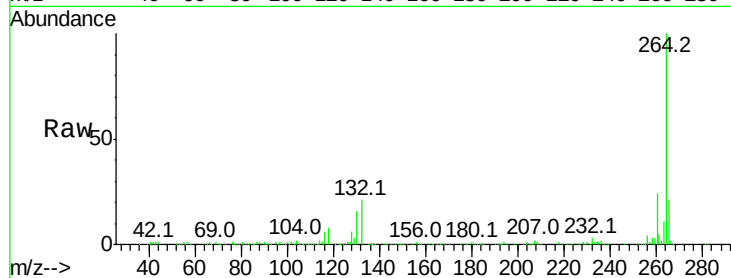




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BF101378.D
 Acq: 13 Dec 2017 22:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	320034
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

